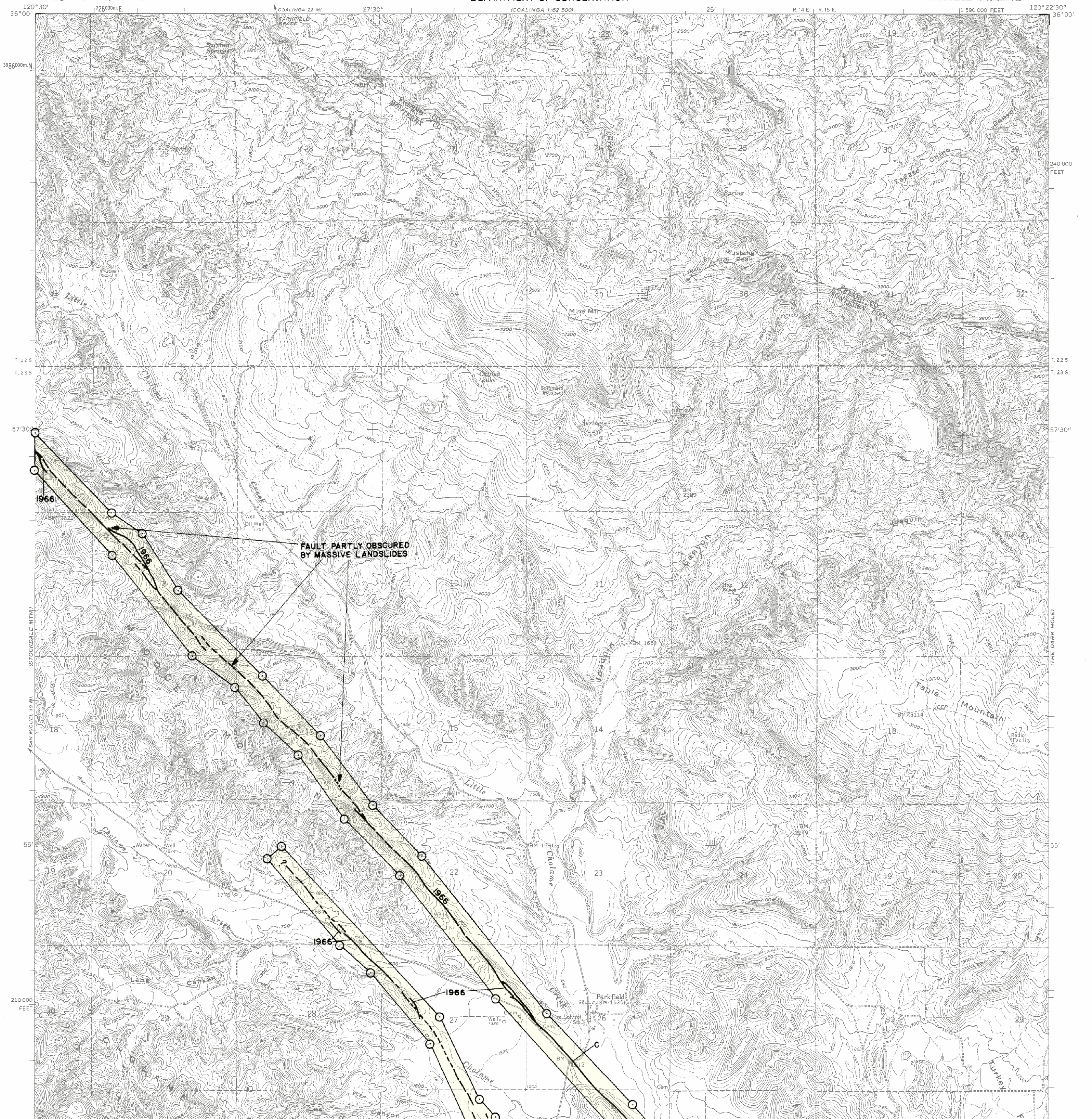
DIVISION OF MINES AND GEOLOGY
JAMES F. DAVIS, STATE GEOLOGIST

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF CONSERVATION

PARKFIELD QUADRANGLE
CALIFORNIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 PARKFIELD 15' QUADRANGLE



TOPOGRAPHIC BASE MAP BY U.S. GEOLOGICAL SURVEY 1961

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1962

SCALE 1:24,000

1 1/2 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
DASHED LINES REPRESENT 10-FOOT CONTOURS
DATUM IS MEAN SEAL LEVEL

MAP EXPLANATION

Potentially Active Faults

Faults considered to have been active during Holocene time and to have a relatively high potential for surface rupture; solid line where accurately located, long dash where approximately located, short dash where inferred, dotted where concealed; query (?) indicates additional uncertainty. Evidence of historic offset indicated by year of earthquake-associated event or C for displacement caused by creep or possible creep.

Special Studies Zone Boundaries

These are delineated as straight-line segments that connect encircled turning points so as to define special studies zone segments.

Seaward projection of zone boundary.

STATE OF CALIFORNIA
SPECIAL STUDIES ZONES

Delineated in compliance with
Chapter 7.5, Division 2 of the California Public Resources Code
(Alquist-Priolo Special Studies Zones Act)

PARKFIELD QUADRANGLE

REVISED OFFICIAL MAP

Effective: July 1, 1986

State Geologist

REFERENCES USED TO COMPILE FAULT DATA

Parkfield Quadrangle

Brown, R.D., Jr., 1970, Map showing recently active breaks along the San Andreas and related faults between the northern Gabilan Range and Cholame Valley, California: U.S. Geological Survey Miscellaneous Geologic Investigations Map I-575, scale 1:62,500.

Brown, R.D., Jr., Vedder, J.G., Wallace, R.E., Roth, E.F., Yerkes, R.F., Castle, R.O., Waananen, A.O., Page, R.W., and Eaton, J.P., 1967, The Parkfield-Cholame, California, earthquakes of June-August 1966--surface geologic effects, water-resources aspects, and preliminary seismic data: U.S. Geological Survey Professional Paper 579, 66 p.

Lienkaemper, J.J., and Brown, R.D., 1985, Map of faulting accompanying the 1966 Parkfield, California, earthquake: U.S. Geological Survey Open-File Report 85-661, 8p., 3 sheets, scale 1:12,000.

Manson, M.W., 1985, San Andreas fault zone, Middle Mountain-Cholame Valley segment, Monterey and San Luis Obispo Counties, California: California Division of Mines and Geology Fault Evaluation Report FER-171 (unpublished).

Schulz, S.S., and Burford, R.O., 1979, Catalog of creepmeter measurements in central California for 1976 and 1977: U.S. Geological Survey Open-file Report 79-1609, 375 p.

For additional information on faults in this map area, the rationale used for zoning, and additional references consulted, refer to unpublished Fault Evaluation Reports on file at the DMG office in Pleasant Hill.

IMPORTANT - PLEASE NOTE

1) *This map may not show all faults that have the potential for surface fault rupture, either within the special studies zones or outside their boundaries.*
2) Faults shown are the basis for establishing the boundaries of the special studies zones.
3) The identification and location of these faults are based on the best available data. However, the quality of data used is varied. Traces have been drawn as accurately as possible at this map scale.
4) Fault information on this map is not sufficent to serve as a substitute for the geologic site investigations (special studies) required under Chapter 7.5 of Division 2 of the California **Public Resources Code.**